

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims

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1 (previously presented): A method of copying an item implemented in a computer, the method comprising

if the item is a directory, spawning a new process; and

if the item is a file, copying the file;

wherein the new process if spawned executes simultaneously or contemporaneously with a current process that performs said spawning.

2 (previously presented): The method of claim 1 further comprising:

the new process performing the act of creating or copying with another item in the directory.

3 (previously presented): The method of claim 1 further comprising:

the current process repeating the act of spawning or copying with another item.

4 (previously presented): The method of claim 1 further comprising, prior to the spawning:

comparing a current number of processes started for copying with a limit; and

waiting if the current number is greater than or equal to the limit.

5 (previously presented): The method of claim 1 further comprising, prior to the copying:

increasing a limit on a resource; and

using the resource at the increased limit during copying.

6 (original): The method of claim 5 wherein: the resource is number of open files.

7 (original): The method of claim 5 wherein: the resource is file size.

8 (original): The method of claim 5 wherein: the resource is memory.

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9 (original): The method of claim 8 wherein: the memory is organized as a stack.

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10 (original): The method of claim 8 wherein: the memory is organized as a heap.

11 (original): The method of claim 1 wherein the copying comprises: transferring data from the file into a temporary buffer; locking the temporary buffer; and invoking a direct memory access (DMA) process for making a copy from the temporary buffer.

12 (original): The method of claim 1 further comprising, prior to the copying: checking if the item is a link to itself, and performing said copying only if the item is not a link to itself.

13 (original): The method of claim 12 wherein: the checking includes a string comparison operation.

14 (original): The method of claim 1 further comprising, during the copying: sending an email message if a resource at a destination is full.

15 (original): The method of claim 14 further comprising, during the copying: waiting to be restarted subsequent to sending the email message.

16 (original): The method of claim 15 wherein said waiting comprises: sending a signal to self to suspend execution.

17 (original): The method of claim 14 further comprising, during the copying: recopying said file from beginning, on being restarted.

18 (previously presented): The method of claim 14 further comprising:

identifying an email address from a password file based on an identity of a user that started the method to perform the spawning or copying.

19 (previously presented): The method of claim 1 wherein:

said spawning is performed only if said directory is not a current directory and not a parent directory.

Claims 20-28 (canceled).

29 (previously presented): An apparatus for copying items, the apparatus comprising means for spawning a process if an item to be copied is a directory; and means for copying the item if the item is a file.

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30 (previously presented): The apparatus of claim 29 further comprising:

means for sending an email message if the means for copying encounters an error.

31 (original): The apparatus of claim 29 further comprising: means for increasing a limit on a resource to maximum.

32 (original): The apparatus of claim 29 wherein said means for copying comprises: means for using a temporary buffer; and means for using direct memory access (DMA).

33 (original): The apparatus of claim 29 further comprising: means for checking if the item is a link to itself.

34 (original): The method of Claim 1 wherein:

the process is started with an instruction to perform said method for each item in the directory.

35 (original): The method of Claim 3 wherein:

said process executes in parallel with any new process spawned by said repeating.

36 (original): The method of Claim 3 wherein:

the number of processes created by spawning corresponds to the number of directories to be copied.

37 (original): The method of Claim 1 wherein:

the item is from a list of items to be copied; and

the method further comprises repeating the act of spawning or copying with another item from said list.

38 (original): The method of Claim 1 further comprising:

checking if the file is in a list of items to be excluded from copying; and

performing said copying only if the file is not in said list.

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39 (original): The method of Claim 1 wherein:

the file is copied to multiple destinations if specified by the user.

Claims 40-42 (canceled).

43 (original): A computer readable storage medium encoded with software, the software comprising instructions to archive an item in a computer by:

spawning a new process, if the item is a directory; and

copying the item, if the item is a file;

wherein the new process if spawned executes simultaneously or contemporaneously with a current process that performs said spawning.